

IN THE CLAIMS

Please amend the claims as follows. This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) A method for providing privacy management for a wireless communication device, the method comprising the steps of:

establishing rules of communication between the wireless communication device and a remote source; and

managing communications between the wireless communication device and the remote source in response to establishing the rules of communication to:

(a) allow the remote source to know either an identity or a location of the wireless communication device, and prohibit the remote source from knowing both the identity and location of the wireless communication device, in response to determining the wireless device approves of the remote source; and

(b) prohibit the location of the wireless communication device from being known to the remote source in response to determining the wireless device does not approve of the remote source.

2. (Previously Presented) The method of claim 1 wherein the step of managing communications between the wireless communications device and the remote source comprises:

receiving a request for location information associated with the wireless communication device from the remote source;

determining whether the wireless communication device approves of the remote source in response to receiving the request for location information;

sending the location information to the remote source in response to determining that the wireless communication device approves of the remote source; and

rejecting the request from the remote source in response to determining that the wireless communication device does not approve of the remote source.

3. (Previously Presented) The method of claim 2 wherein the remote source is a location privacy manager, the wireless communication device approves of the location privacy manager when the wireless communication device is registered to operate with the location privacy manager, and the wireless communication device does not approve of the location privacy manager when the wireless communication device is not registered to operate with the location privacy manager.

4. (Previously Presented) The method of claim 2 wherein the remote source is a location-enabled service, the wireless communication device approves of the location-enabled service when the wireless communication device accepts an identity of the location-enabled service, and the wireless communication device does not approve of the location-enabled service when the wireless communication device does not accept the identity of the location-enabled service.

5. (Previously Presented) The method of claim 2 wherein a wireless communication device manages communications between the wireless communications device and the remote source.

6. (Previously Presented) The method of claim 1 wherein the step of managing communications between the wireless communications device and the remote source comprises:

- receiving a request for location information associated with the wireless communication device from the remote source;

- determining whether the wireless communication device approves of the remote source in response to receiving the request for location information;

- sending a request for the location information to the wireless communication device in response to determining that the wireless communication device approves of the remote source;

- receiving the location information from the wireless communication device in response to sending the request for the location information to the wireless communication device;

sending the location information to the remote source in response to receiving the location information from the wireless communication device; and

rejecting the request from the remote source in response to determining that the wireless communication device does not approve of the remote source.

7. (Previously Presented) The method of claim 6 wherein the remote source is a location privacy manager, the wireless communication device approves of the location privacy manager when the wireless communication device is registered to operate with the location privacy manager, and the wireless communication device does not approve of the location privacy manager when the wireless communication device is not registered to operate with the location privacy manager.

8. (Previously Presented) The method of claim 6 wherein the remote source is a location-enabled service, the wireless communication device approves of the location-enabled service when the wireless communication device accepts an identity of the location-enabled service, and the wireless communication device does not approve of the location-enabled service when the wireless communication device does not accept the identity of the location-enabled service.

9. (Previously Presented) The method of claim 6 wherein at least a wireless communication network or a location privacy manager manages communications between the wireless communications device and the remote source.

10. (Previously Presented) The method of claim 1 wherein the wireless communication device establishes the rules of communication and manages the communication between the wireless communications device and the remote source.

11. (Previously Presented) The method of claim 1 wherein a wireless communication network establishes the rules of communication and manages the communication between the wireless communications device and the remote source.

12. (Previously Presented) The method of claim 1 wherein a location privacy manager establishes the rules of communication and manages the communication between the wireless communications device and the remote source.

13-18. (Cancelled)

19. (Currently Amended) A method, performed by a location privacy manager, comprising:

establishing rules of communication between a wireless communication device and a location-enabled service; and

managing communications between a wireless communication device and a location-enabled service in response to establishing the rules of communication to:

(a) allow the location-enabled service to know either an identity or a location of the wireless communication device, and prohibit the location-enabled service from knowing both the identity and location of the wireless communication device, in response to determining the wireless device approves of the location-enabled service; and

(b) prohibit the location of the wireless communication device from being known to the location-enabled service in response to determining the wireless device does not approve of the remote source.

20. (Currently Amended) A wireless communication device comprising:

an antenna for communicating radio frequency signals over a radio frequency communication channel between the wireless communication device and a remote source;

a receiver, coupled to the antenna, for receiving the radio frequency signals from the remote source;

a transmitter, coupled to the antenna, for transmitting the radio frequency signals to the remote source;

a memory device, coupled to the controller, for storing rules of communication between the wireless communication device and remote source, and for storing an identity and a location of the wireless communication device;

a controller, coupled to the receiver and the transmitter, for managing communications between the wireless communication device and the remote in accordance with the rules of communication to:

(a) allow the remote source to know either the identity or the location of the wireless communication device, and prohibit the remote source from knowing both the identity and location of the wireless communication device; and

(b) prohibit the location of the wireless communication device from being known to the remote source;

a user interface, coupled to the controller, for communicating user interface signals between a user of the wireless communication device and the controller.

21. (Currently Amended) A wireless communication network comprising:

an antenna for communicating radio frequency signals over a radio frequency communication channel between the wireless communication network and a wireless communication device;

a receiver, coupled to the antenna, for receiving the radio frequency signals from the wireless communication device;

a transmitter, coupled to the antenna, for transmitting the radio frequency signals to the wireless communication device;

a communication switch, coupled to the transmitter and the receiver, for routing information communicated over radio frequency communication channel;

a memory device for storing rules of communication between the wireless communication device and a remote source;

a location privacy manager interface, coupled to the remote source, for communicating signals between the wireless communication network and the remote source; and

a controller, coupled to the communication switch, the memory device and the location privacy manager interface, for managing communications between the wireless communication device and the remote source in response to the rules of communication to:

(a) allow the remote source to know either an identity or a location of the wireless communication device, and prohibit the remote source from knowing both the identify and location of the wireless communication device, in response to

determining the wireless communication device approves of the remote source;
and

(b) prohibit the location of the wireless communication device from being known to the remote source in response to determining the wireless communication device does not approve of the remote source.

22. (Currently Amended) A location privacy manager comprising:

a wireless communication network interface for communicating signals between the location privacy manager and a wireless communication network;

a remote source interface for communicating signals between the location privacy manager and a remote source;

a memory device for storing rules of communication between a wireless communication device and a remote source; and

a controller, coupled to the wireless communication network interface, the remote source interface, and the memory device, for managing communications between the wireless communication device and the remote source in response to the rules of communication to:

(a) allow the remote source to know either an identity or a location of a wireless communication device communicating with the wireless communication network, and prohibit the remote source from knowing both the identify and location of the wireless communication device; or

(b) prohibit the location of the wireless communication device from being known to the remote source.

23. (Previously Presented) A method for providing privacy management for a wireless communication device, the method comprising the steps of:

establishing rules of communication between the wireless communication device and a remote source; and

managing communications between the wireless communication device and the remote source to prohibit the remote source from knowing both an identity and a location of the wireless communication device;

wherein the rules of communication further comprise:

a rule that the wireless communication device shall only communicate with the remote source having an acceptable identity, and wherein the step of managing the communications further comprises the steps of:

receiving a request for location information associated with the wireless communication device from the remote source responsive to the remote source being pushed to the wireless communication device by the remote source;

determining whether or not an identity of the remote source is acceptable to the wireless communication device responsive to the step of determining that the request is received from the remote source;

sending a request for the location information to the wireless communication device responsive to determining that the identity of the remote source is acceptable to the wireless communication device;

receiving the location information from the wireless communication device responsive to the step of sending the request;

sending the location information to the remote source responsive to the step of receiving the location information; and

rejecting the request from the remote source responsive to determining that the identity of the remote source is not acceptable to the wireless communication device.

24. (Previously Presented) The method of claim 23 wherein at least a wireless communication network or a location privacy manager provides the privacy management for the wireless communications device.

25. (Previously Presented) A method, performed by a location privacy manager, comprising the steps of:

establishing rules of communication between a wireless communication device and a location-enabled service; and

managing communications between a wireless communication device and a location-enabled service to prohibit the location-enabled service from knowing both an identity and a location of the wireless communication device;

wherein the rules of communication further comprise:

a rule that the wireless communication device shall only communicate with the location-enabled service having an acceptable identity, and

wherein the step of managing the communications further comprises the steps

of:

receiving a request for location information associated with the wireless communication device from the location-enabled service responsive to the location-enabled service being pushed to the wireless communication device by the location-enabled service;

determining whether or not an identity of the location-enabled service is acceptable to the wireless communication device responsive to the step of determining that the request is received from the location-enabled service;

sending a request for the location information to the wireless communication device responsive to determining that the identity of the location-enabled service is acceptable to the wireless communication device;

receiving the location information from the wireless communication device responsive to the step of sending the request;

sending the location information to the location-enabled service responsive to the step of receiving the location information; and

rejecting the request from the location-enabled service responsive to determining that the identity of the location-enabled service is not acceptable to the wireless communication device.

I. Introduction

In the Final Office Action dated May 15, 2005, the Examiner rejected claims 1-5 and 19-21 under 35 U.S.C. § 102(b) as being anticipated by U.S. Pat. No. 6,442,391 ("Johannson"). Further, claims 6-12 and 22-25 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Pat. No. 6,138,003 ("Kingdon") in view of Johannson. In this Amendment, claims 1, 19, 20, 21, and 22 have been amended. Applicant respectfully requests reconsideration of the claims and withdrawal of the rejections in light of the amendments to the claims and the following remarks.

II. Johannson Does Not Anticipate the Independent Claims

The Examiner rejected claims 1-5 and 19-21 as being anticipated by Johannson. The currently-claimed invention is directed to a system and method for managing communications relating to a location of a wireless communications device to provide safety and privacy to the wireless communications device user. Generally, rules of communication are established and managed between two devices. During operation, if one of the wireless communications devices does not approve of a device requesting location information regarding the wireless communications device, the requesting device is not shown the location of the wireless communications device. Alternatively, if one of the wireless communications devices approves of another device requesting location information regarding the wireless communications device, either an identifier or a location of the wireless communication device is shown to the device requesting the location information. However, the device requesting the location information is ***prohibited from knowing both the identifier and the location of the wireless communications device***. Johannson fails to at least disclose a system or method that prohibits a device from knowing both an identifier and a location of a wireless communications device.

Johannson relates to a system for prohibiting unauthorized users from determining a location of the mobile device. While Johannson discloses a method for protecting ***a location*** of the mobile device, Johannson does not disclose or suggest protecting ***an identity*** of the wireless communication device, let alone a method or system that ***prohibits a device from knowing both a location and an identify of a***

wireless communication device as in the currently-claimed invention. In other words, Johansson does not disclose or suggest ensuring a device only knows **either an identity or location** of the wireless communication device, **but not both**. Independent claims 1, 19, and 20 all recite a limitation of prohibiting a device from knowing both an identifier and a location of a wireless communication device. Therefore, Johansson necessarily cannot anticipate independent claims 1, 19, and 20, or any of their dependent claims. Applicants respectfully request withdrawal of the rejection to claims 1-5 and 19-21.

III. The Proposed Combination of Kingdon and Johansson Does Not Render Independent Claims 1, 22, 23, and 25 Unpatentable


The Examiner rejected claims 6-12 and 22-25 as being unpatentable over Kingdon in view of Johansson. Like Johansson, Kingdon does not disclose or suggest **prohibiting a device from knowing both an identifier and a location of a wireless communications device**.

Kingdon is directed to a telecommunications system which performs authorization checks prior to allowing a location service to position a mobile terminal within a cellular network. Like Johansson, Kingdon discloses a system for protecting **a location** of the mobile terminal only. Kingdon does not disclose or suggest protecting **an identity** of the mobile terminal, let alone a method or system that **prohibits a device from knowing both a location and an identify of a mobile terminal** as in the currently-claimed invention. Amended independent claim 1 and 22, and unamended independent claims 23 and 25 all recite a limitation of prohibiting a device from knowing both an identifier and a location of a wireless communication device. Therefore, any combination of Kingdon and Johanson necessarily cannot render the currently-claimed invention unpatentable. Applicants respectfully request withdrawal of the rejection to claims 6-12 and 22-25.

IV. CONCLUSION

In view of the foregoing amendment and remarks, Applicant submits that the pending claims are in condition for allowance. Reconsideration is therefore respectfully requested. If there are any questions concerning this Response, the Examiner is asked to phone the undersigned attorney at (312) 321-4200.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Scott W. Brim", written over a horizontal line.

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